

ORIGINAL

6/15/90
RELEASED
9-24-90

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-039-20,846-0000 SEP 24 1990

County Decatur FROM CONFIDENTIAL
160 E & 30 N of East
NW SE SW Sec. 19 Twp. 35 Rge. 26W X West

Operator: License # 4767
Name Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000
City/State/Zip Wichita, KS 67202

1020 Ft North from Southeast Corner of Section
3470 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser N/A

Lease Name Shirley Well # 1

Operator Contact Person Rocky Milford
Phone 316/267-4375

Field Name

Producing Formation N/A

Contractor: License # 6033
Name Murfin Drilling Co.

Elevation: Ground 2614' KB 2619'

Wellsite Geologist Bob Mathiesen
Phone 316/267-4375

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

Designate Type of Completion
X New Well Re-Entry Workover

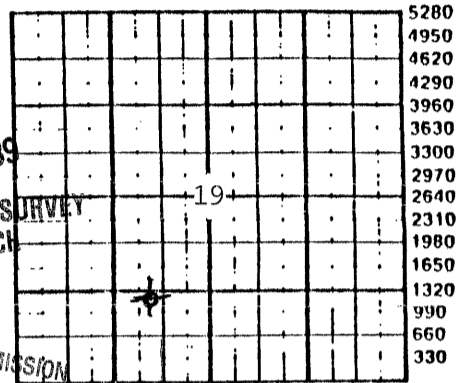
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Oil SWD Temp Abd
Gas Inj Delayed Comp
X Dry Other (Core, Water Supply etc.)

RECEIVED
STATE CORPORATION COMMISSION

If OWNED: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

JUN 15 1989
6-13-89
CONSERVATION DIVISION
Wichita, Kansas



ALT I
D 9 A

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
3/16/89 3/21/89 3/22/89
Spud Date Date Reached TD Completion Date
3850' N/A
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 264 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name
Invoice #

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # N/A Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: Hauled.
Division of Water Resources Permit #

Groundwater (Well) Ft North from Southeast Corner
Ft West from Southeast Corner
Sec Twp Rge East West

Surface Water (Stream, pond etc) Ft North from Southeast Corner
Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D. #)

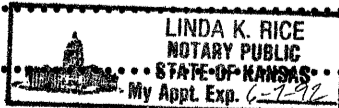
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title Vice President Date 5/19/89

Subscribed and sworn to before me this 19th day of May 1989.
Notary Public [Signature]

Date Commission Expires 6/07/92



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Sec. 19, Twp. 35, Rge. 26W

Operator Name Ritchie Exploration, Inc. Lease Name Shirley Well # 1

Sec. 19 Twp. 3S Rge. 26 East West

County Decatur RELEASED

SFP 2 4 1990

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report on tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

FROM CONFIDENTIAL

Drill Stem Tests Taken [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No

Formation Description [X] Log [] Sample

DST #1 from 3600'-3640' (Lansing "B"- "D" zones). Recovered 50' of mud with tarry oil spots. IFP:38-38#/30"; ISIP:791#/30"; FFP:38-38#/30"; FSIP:658#/30".

DST #2 from 3682'-3772' (Lansing "H"- "K" zones). Recovered 55' of mud, no show of oil. (Plugging during both flow periods). IFP:47-47#/30"; ISIP:209#/30"; FFP:47-47#/30"; FSIP:181#/30".

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, B/Anhydrite, Topeka, Heebner, Toronto, Lansing, B/KC, Marmaton, LTD.

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method, Estimated Production Per 24 Hours

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Open Hole [] Perforation [] Sold [] Other (Specify) [] Used on Lease [] Dually Completed [] Commingled